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(54) **INTEGRATED PRINthead WITH ENCODING CIRCUIT**

(75) Inventors: **Alessandra Scardovi**, Ivrea (IT);  
**Renato Conta**, Ivrea (IT)

(73) Assignee: **Telecom Italia S.p.A.**, Milan (IT)

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See application file for complete search history.

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*Primary Examiner*—Juanita D. Stephens

(74) *Attorney, Agent, or Firm*—Venable LLP; Robert Kinberg; Steven J. Schwarz

(57) **ABSTRACT**

Ink jet printhead comprising a driving and encoding circuit (20) having a grid-like structure, including a plurality of inputs (24), a plurality of selecting elements (12), a plurality of actuating elements (1C) and at least one identifying element (21) of said printhead. Each identifying element (21) is associated with a corresponding selecting element (12) and corresponds to nodes arranged along a row or column of said grid-like structure, and is scanned, together with said actuating elements (11), during a preliminary checking step.

**9 Claims, 5 Drawing Sheets**

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